



EXPERIENCE

Leibniz-Institut für Gewässerökologie und Binnenfischerei

Postdoctoral Fellow

Berlin, Germany

2023 – Present

- The Night Watch (New Earth Observation Mission Ideas, ESA)
The project aims to design a concept for a future European satellite that could one day monitor nighttime lighting worldwide
- BELLVUE (BfN)
Lighting Planning: Procedures and Methods for Nature Conservation-Friendly Lighting Design
- FLEBEFA (BMDV)
Development of a bat-friendly adaptive lighting concept for bicycle paths

JMU Würzburg

Invited Guest Researcher

Würzburg, Germany

2022 – Present

- Dedicated to the development and knowledge transfer, focusing on advanced techniques for monitoring night sky quality

Eszterházy Károly Katolikus Egyetem

Invited Guest Researcher

Eger, Ungarn

Summer Semester 2022

- Dedicated to the development and knowledge transfer, focusing on advanced techniques for monitoring night sky quality

JMU Würzburg

Temporary Principal Investigator

Würzburg, Germany

2019 – 2021

- Using luminescent quantum dots for tracking insect flights (Experiment!)

JMU Würzburg

Postdoctoral Fellow

Würzburg, Germany

2017

- Insect timing: mechanisms, plasticity and interactions (SFB 1047)

EDUCATION

Leibniz-Institut für Gewässerökologie und Binnenfischerei

PhD-student at the Freie Universität Berlin

Berlin, Germany

2010 – 2016

Dissertation: *“Female mating success under altered sex-specific mortality and various male and female encounter rates: Does artificial light at night force evolution?”*

Supervisors: PD Dr. Franz Hölker & Prof. Dr. Klement Tockner

JMU Würzburg

Biology (Diplom)

Mathematics (Vordiplom)

Würzburg, Germany

2003 – 2009

Universität Bielefeld

Biology (Vordiplom)

Bielefeld, Germany

2001 – 2003

GRANTS

- Research funding Experiment! 95848-1 “Making the SWIRD matrix detector airworthy”
funded by VolkswagenStiftung €19,552 2021
- Equipment funding AZ21-26 “Positionsbestimmungssystem für Insekten”
funded by Universitätsbund Würzburg €1,500 2021
- Research funding Experiment! 95848 “Using luminescent quantum dots for tracking insect flight”
funded by VolkswagenStiftung €99,300 2019
- Equality Fund “Gleichstellungsfond zur Förderung junger Wissenschaftlerinnen und Familien”
funded by IGB €4,237 2013